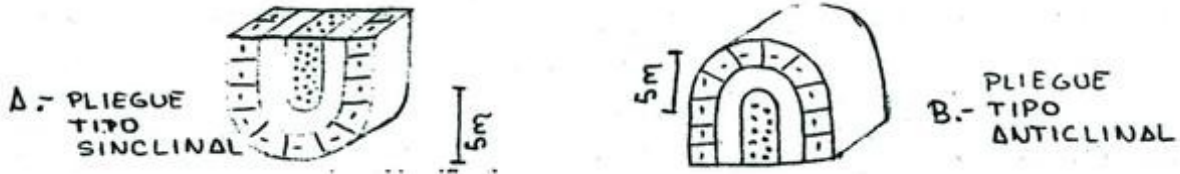


## Reconstructing eroded folds

1.- Definitions: "anticline" and "syncline"

Name each layer with a letter (or better said, colour each layer, repeat colour if symbo repeated)



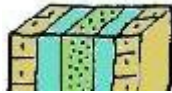
In picture A, is the central/core layer the oldest or the youngest?

Syncline is a type of fold in which the youngest materials are..

In picture B, is the central layer the oldest or the youngest?

Anticline is a type of fold in which the oldest materials are..

2.- What would A look like if the lower 5 meters could not be seen for any reason (You need the letters or colours above used)

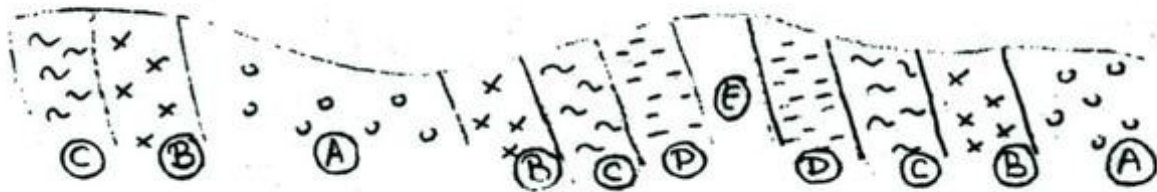


What would B look like if the lower 5 meters could not be seen for any reason -erosion...-?



As you can see, even if the folds are incomple and we can't see the hinges, we can deduce if it is a syncline or an anticline by looking at the neighbouring layers.

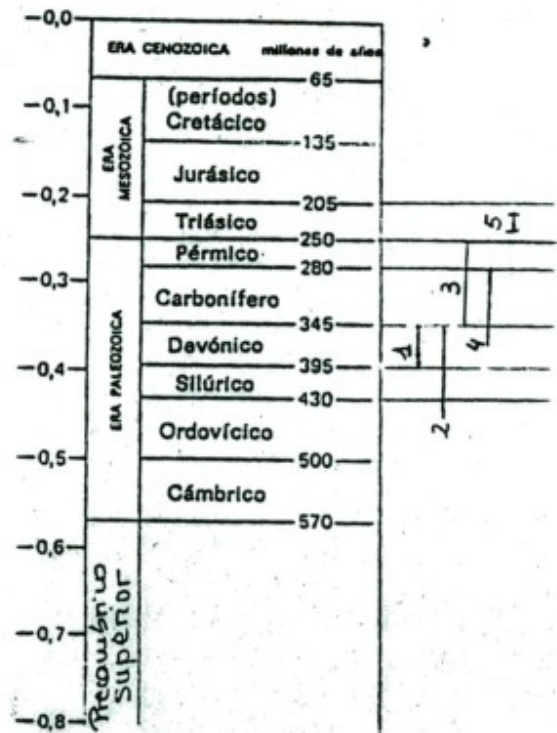
3.- How old is each layer in the picture? Write the age on each one.



### Leyenda

A : capa con fósiles de la especie 5  
 C : capa con fósiles de las especies 3 y 4  
 E : capa con fósiles de las especies 1 y 2

- 1 : Hexagonaria
- 2 : Favosites
- 3 : Stenocisma
- 4 : Pugnax
- 5 : Ceratites



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4. Taking into account ideas from exercises 1 and 2 , draw how looked like the folds before being eroded

